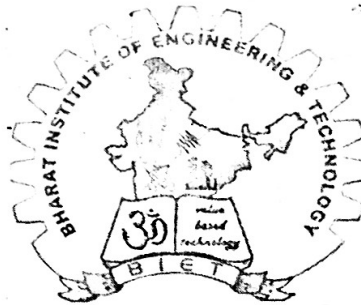


B.E.Tc - (Sec - C)

BHARAT INSTITUTE OF ENGINEERING & TECHNOLOGY

SIVARAM VIHAR, GHATAKESWAR HILLS
MOHADA, BERHAMPUR (GM.)



STUDENT'S ATTENDANCE REGISTER

Time	9:05	2:45			
Day	9:55	3:35			
Mon	✓ T				
Tue					
Wed		✓ T			
Thu					
Fri					
Sat					

Year/ Session : 2023 (winter)	Semester from Date:	To Date :
Semester & Branch	1st sem & Civil branch (Sec-C)	
Subject with Code	Basic Electronic Engineering. (Th.4(b))	
Name of the Faculty Member	Pinaki Bisayi	
No of Weeks:	No of Days per Week Class Allotted : 2 period	

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
AUGUST	4 th	21/08/22	1. <u>Electronic Devices</u> 1.1 Basic Concept of Electronics & its application.
		23/08/22	1.2 Basic concept of Electron emission & its type.
	5 th 2 nd	28/8/23	1.3 Classification of material according to electrical conductivity (conductor, semiconductor, insulator) with respect to energy band diagram only.
		4/9/23	
SEPTEMBER	2 nd	11/9/23	1.4 Difference between Intrinsic & extrinsic Semiconductor.

inaki Biswas
HOD of the Faculty

Seemab Alam
14.8.23
Signature of the Principal/Course Co-ordinator/HOD:

Signature
11/08/23

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
S E P T E M B E R		13/9/23	1.5 Difference between vacuum tube & Semiconductor.
	4th	18/9/23	1.6 principle of working & use of PN Junction diode, Zener diode, light emitting diode. (LED).
	5th	25/9/23	
		27/9/23	1.7 Integrated circuit (I.C) & its advantages.

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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
O C T O B E R			2. <u>Electronic Circuits</u>
	2nd	4/10/23	2.1 Rectifier & its Use.
	2nd	9/10/23	2.2 principles of working of different types of rectifiers with their merits & demerits.
		11/10/23	
	3rd	16/10/23 18/10/23	2.3 Functions of filters and classification of simple filter circuit. (capacitor, choke input & π).
	5th	30/10/23	2.4 Working of DC power supply system (unregulated) with help of block diagrams only.

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P. Bisoi
14/8/23

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
N O V E M B E R	1st	21/11/12	2.5 Transistor, Different types of transistor configuration and static output and input current; gain relationship CB, CE, & CC configuration.
	2nd	6/11/12	
		8/11/12	2.6 Need of biasing, and different types of biasing with circuit diagram. (only CE configuration).
	3rd	13/11/12	2.7 Amplifiers (concept), working principle of single phase CE amplifier.
			2.8 Electronic oscillator and its classification.

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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
		15/11/2	2.9 Working of basic oscillator with different elements. through simple block diagram.

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19/08/23
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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
N O V E M B E R	4 th	20/11/12	3. <u>Communication System</u> 3.1 Basic Communication System. (concept & explanation with help of block diagram).
		22/11/12	3.2 Concept of Modulation and Demodulation, Difference between them.
	5 th	24/11/12	3.3 Different types of Modulation (AM, FM, PM) based on signal, carrier wave & Modulated wave (only concept).

Pinaki Bisayi
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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
D E C E M B E R	1st	2/12/23	4. <u>Transducers AND Measuring Instruments</u> 4.1 Concept of transducer and sensor with their difference. 4.2 Different type of transducer and concept of Active and passive transducers.
	2nd	4/12/23	4.3 Working principle of photo emission, photoconductive, photovoltaic, transducer & its application. 4.4 Multimeters and its application.

Pinkki Baisagi

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19/08/23

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic	No
	3rd	9/12/23	4.5 Analog & Digital Multimeter & their difference.	
	3rd	11/12/23	4.6 Working principle of Multimeters with basic block diagram.	
			4.7 CRO working principle of CRO with simple block diagram.	

Pinaki Bisai
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15/08/23